

DEPARTMENT OF TRANSPORTATION

ESC/OE MS #43

P.O. Box 942874

SACRAMENTO, CA 94274-0001



June 23, 1999

11-SD-75-R20.5/R22.0

11-021924

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in SAN DIEGO COUNTY IN
SAN DIEGO AND CORONADO FROM THE CORONADO ABUTMENT TO 1.5 MILES NORTH OF THE CORONADO ABUTMENT.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on July 29, 1999.

This addendum is being issued to revise the Project Plans, the Notice to Contractors and Special Provisions, and the Proposal and Contract.

Project Plan Sheet 76 is revised. A half-sized copy of the revised sheet is attached for substitution for the like-numbered sheet.

On Project Plan Sheet 89, stirrups '#5 @ 8 tot 10', indicated at the bottom left of the plan sheet, are changed to '#7 @ 5-1/2 tot 14.'

On Project Plan Sheet 93, DETAIL 3, #5 stirrups, indicated at the top, are changed to #7 stirrups.

In the Special Provisions, the "Notice to Contractors," is revised as attached.

In the Special Provisions, Section 2-1.08, "BRIDGE SEISMIC RETROFIT INFORMATION/QUESTIONNAIRE," is added as follows:

"2-1.08 BRIDGE SEISMIC RETROFIT INFORMATION/QUESTIONNAIRE"

The Department has established the need to obtain information regarding each bidder's qualifications for performing bridge seismic retrofit work contracts.

Bidders shall submit responses to the "Bridge Seismic Retrofit Information/Questionnaire" included in the Proposal. The responses to the Questionnaire shall be submitted with the bid.

In signing the signature page of the Proposal, the bidder certifies that the information and answers on the "Bridge Seismic Retrofit Information/Questionnaire" are complete and accurate."

In the Special Provisions, the entire Section 3, "AWARD AND EXECUTION OF CONTRACTS," is revised to read as, "PRE-AWARD MEETING AND AWARD AND EXECUTION OF CONTRACT," as attached.

In the Special Provisions, Section 4, "BEGINNING OF WORK, TIME OF COMPLETION AND LIQUIDATED DAMAGES," the third paragraph is replaced with the following paragraph:

"The work (except plant establishment work) shall be diligently prosecuted to completion before the expiration of

560 WORKING DAYS

beginning on the fifth calendar day after approval of the contract."

In the Special Provisions, Section 4, "BEGINNING OF WORK, TIME OF COMPLETION AND LIQUIDATED DAMAGES," the fifth paragraph is replaced with the following paragraph:

"The Contractor shall diligently prosecute all work (including plant establishment) to completion before the expiration of

780 WORKING DAYS

beginning on the fifth calendar day after approval of the contract."

In the Special Provisions, Section 5-1.00, "PLANS AND WORKING DRAWINGS," is deleted.

In the Special Provisions, Section 5-1.005, "CONTRACT BONDS," is replaced with the following:

"5-1.005 CONTRACT BONDS

Each of the two bonds required in Section 3-1.02, "Contract Bonds," of the Standard Specifications shall be in a sum equal to 100 percent of the contract price."

In the Special Provisions, Section 5-1.085, "REQUIREMENTS FOR MISCELLANEOUS METAL AND STRUCTURAL STEEL MATERIALS," is added as follows:

"5-1.085 REQUIREMENTS FOR MISCELLANEOUS METAL AND STRUCTURAL STEEL MATERIALS

Manufacturing processes for all threaded fasteners, bolts, rods, anchor bolts, deformed bar anchor studs, and any associated iron and steel hardware, nut, and washers to be furnished for incorporation into the work on this project shall occur in the United States; with the exception that pig iron and processed, pelletized and reduced iron ore manufactured outside of the United States may be used in the domestic manufacturing process for such steel and iron materials. The application of coatings, such as epoxy coating, galvanizing, painting and any other coating that protects or enhances the value of steel or iron materials shall be considered a manufacturing process subject to occur in the United States.

A Certificate of Compliance, conforming to the provisions in Section 6-1.07, "Certificates of Compliance," of the Standard Specifications, shall be furnished for the above specified materials. The certificates, in addition to certifying that the materials comply with the specifications, shall also specifically certify that all manufacturing processes for the materials occurred in the United States, except for the above exception."

In the Special Provisions, Section 5-1.20, "ENVIRONMENTALLY SENSITIVE AREA," the second paragraph is deleted.

In the Special Provisions, Section 5-1.21, "BIOLOGY," the fifth paragraph is revised as follows:

"If the aforementioned species (peregrine falcon) are found within the project limits, the Engineer will designate "No Work Zone" area, and the Contractor shall cease all work in this area. A visual barrier will be erected on the piers adjacent to the nesting peregrine falcons, at least 250 feet on both sides of the nest, a maximum of 5 days after nesting is established."

In the Special Provisions, Section 5-1.45, "COST REDUCTION INCENTIVE," is added as follows:

"5-1.45 COST REDUCTION INCENTIVE

Section 5-1.14, "Cost Reduction Incentive," of the Standard Specifications is amended by adding the following paragraph:

Prior to preparing a cost reduction proposal, the Contractor shall request a meeting with the Engineer to discuss the proposal in concept and determine whether the cost reduction proposal will be considered by the Department. Items of discussion will also include permit issues, impact on other projects, impact on the project schedule, traffic considerations, safety and health issues, design criteria, and review times required by the Department and other agencies. Determination by the Engineer that a cost reduction proposal will not be considered further will be deemed rejection of the proposal."

In the Special Provisions, Section 8-3.02, "WELDING QUALITY CONTROL," the third paragraph is revised as follows:

"Except for welding that is performed at a permanent fabrication facility, which is certified under the AISC Quality Certification Program, Category Cbr, Major Steel Bridges, welding inspection personnel or nondestructive testing (NDT) firms to be used in the work shall not be employed or compensated by any subcontractor, or by other persons or entities hired by subcontractors, who will provide other services or materials for the project. For welding performed at such facilities, the inspection personnel or NDT firms may be employed or compensated by the fabrication facility performing the welding."

In the Special Provisions, Section 8-3.02, "WELDING QUALITY CONTROL," the following paragraph is added after the fifth paragraph:

"Structural steel members that are being added as part of this contract shall be considered "main members" for the purposes of nondestructive testing."

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the following paragraphs are added after the first paragraph:

"No work shall be permitted on the Continental Maritime Property prior to 3:00 p.m. nor after 5:30 a.m. on any given day.

Movable barrier must be operational between the hours of 8:00 a.m. to 10:00 a.m. and from 5:00 p.m. to 7:00 p.m. Contractor must notify the Engineer before disconnecting the guide wire loops of the movable barrier guide.

All debris resulting from this retrofit and any associated work must be contained. Debris cannot enter the San Diego Bay otherwise, permits will be necessary and work must cease until those permits are obtained. Debris includes construction material, sawcut runoff, paint and any other pollutant, which results from this retrofit and any associated work.

Contractor shall schedule construction activities so work is not performed on the bridge spans adjacent to the peregrine falcon's nest during breeding season (January 15th thru July 15th). Use of the catwalks between these spans where breeding occurs is prohibited. Ground activity during this period is acceptable.

Visual barriers shall be placed between the nesting falcon and the construction work. The barriers shall be placed on the bridge piers, at least 250 feet on both sides to the nest.

The Contractor shall not temporarily impact more than one acre of eelgrass habitat.

MTDB and the contract bus operator, ATC Vancom, shall be notified in advance of any scheduled closures that will impact the bus service.

The bike path under Abutment one, on the Coronado side, will remain open at all times.

No bike or pedestrian traffic is permitted across the bridge.

The Engineer shall be notified in writing a minimum of 48 hours before a lane closure.

The Contractor shall notify the Commander (POV-2), Eleventh Coast Guard District, Bldg 50-6, Coast

Guard Island, Alameda, California 94501-5100 in writing at least 2 weeks before construction begins in the waterway with the following information.

Name and telephone number of the project manager.
Size and placement of any floating construction equipment or position of any work platform over the channel (A drawing would be adequate).
Radio and telephone call signs for any marine equipment.
Start and finish dates.

The Contractor shall meet with the Coast Guard Captain of the Port of San Diego 30 calendar days before construction begins in areas of general navigation."

In the Special Provisions, Section 10-1.07, "TRANSPORATION FOR THE ENGINEER," the second paragraph is revises as follows:

"The Contractor shall provide, operate, berth and maintain, throughout the life of the contract, one commercial grade work boat for the sole use of the Engineer and the Engineer's staff in performance of their work. In addition, the Engineer and all authorized representatives of the State, acting within the scope of their duties in connection with the work under this contract, shall be permitted to ride as passengers, without charge, on any boat operated by, or for, the Contractor for the transportation of personnel, equipment or materials. It is agreed that such transportation will be only on a boat that are making trips in connection with the Contractor's operation."

In the Special Provisions, Section 10-1.07, "TRANSPORATION FOR THE ENGINEER," the seventh paragraph is revised as follows:

"The Contractor shall furnish a licensed boat operator and crew members, as required for the boat's operation and in accordance with all Maritime Agreements and Laws, including, but not limited to, the regulations contained in Title 46 Code of Federal Regulation Section 16 and Sections 24 through 26. The boat operator and crew shall be furnished for 10 hours each working day and any additional shifts worked by the Contractor."

In the Special Provisions, Section 10-1.07, "TRANSPORATION FOR THE ENGINEER," the thirteenth paragraph is revised as follows:

"Payment for furnishing a boat operator and crew, when required by an Engineer, in excess of hours, as specified herein will be paid for as extra work as provided in Section 4-1.03D of the Standard Specifications. No additional payment will be made for furnishing the boat as specified herein within any working day."

In the Special Provisions, Section 10-1.07, "TRANSPORATION FOR THE ENGINEER," all references to 'boats' is changed to 'boat.'

In the Special Provisions, Section 10-1.08, "PROGRESS SCHEDULE (CRITICAL PATH)," subsection "Preconstruction Scheduling Conference," is revised as follows:

"Preconstruction Scheduling Conference - The Engineer will schedule and conduct a Preconstruction Scheduling Conference with the Contractor's Project Manager and Construction Scheduler within seven days after the bidder has received the contract for execution. The Contractor shall assign a full time Construction Scheduler to this project. At this meeting, the requirements of this section of the special provisions will be reviewed with the Contractor. The Contractor shall be prepared to discuss its schedule methodology, proposed sequence of operations, and any deviations it proposes to make from the

Stage Construction Plans. Activity codes for the work breakdown structure shall be assigned at a minimum for the Project, Location, Sub-Location, Type of Work, and details of work including critical equipment, sub-contractors, materials, construction staging and operations. The following is an example of activity coding for an item of work:

Contract Item: Drill and Bond Dowel
Project: 02 (Project 02)
Location: SF02 (Structure 02)
Sub-Location: P012 (Pier 12)
Type of Work: 511106 (Contract Item for Drill and Bond)

The Contractor shall provide coding at each location for every contract item shown on the plans and Special provisions for the Interim, Baseline and Monthly update Schedules."

In the Special Provisions, Section 10-1.08, "PROGRESS SCHEDULE (CRITICAL PATH)," subsection "Interim Baseline Schedule," the first paragraph is revised as follows:

"Interim Baseline Schedule - Within 10 days after approval of the contract, the Contractor shall submit to the Engineer an interim baseline project schedule (CPM), which will serve as the progress schedule and for identifying controlling operations/activities for the first 120 days of the project, or until the baseline schedule is accepted, whichever is sooner. The interim baseline schedule shall utilize the critical path method. The interim baseline schedule shall depict how the Contractor plans to perform the work for the first 120 days of the contract. Additionally, the interim baseline schedule shall show all submittals required early in the project, and shall provide for all permits, and other non-work activities necessary to begin the work. The Contractor shall provide to the Engineer a 3 1/2" electronic disk of the schedule, together with printed copies of the network diagrams and tabular reports described under "Project Schedule Reports"."

In the Special Provisions, Section 10-1.08, "PROGRESS SCHEDULE (CRITICAL PATH)," subsection "Baseline Schedule," the second and third paragraph are revised as follows:

"The baseline CPM schedule submitted by the Contractor shall have a sufficient number of activities based on the work breakdown structure as described under "Preconstruction Scheduling Conference" to assure adequate planning of the project and to permit monitoring and evaluation of progress and the analysis of time impacts. The baseline schedule shall depict how the Contractor plans to complete the whole work involved, and shall show all activities that define the critical path."

"The baseline progress schedule shall be supplemented with resource allocations for every activity, to a level of detail that facilitates report generation based on labor craft and equipment class for the Contractor and subcontractors. The Contractor shall not use average composite crews to display the labor loading of on-site construction

activities. The Contractor shall optimize and level labor to reflect a reasonable plan for accomplishing the work of the contract and to assure that resources are not duplicated in concurrent activities. The Contractor shall require each subcontractor to submit in writing a statement certifying that the subcontractor has concurred with the Contractor's CPM, including major updates, and that the subcontractor's related schedule has been incorporated accurately, including the duration of activities and labor and equipment loading. Along with the baseline progress schedule, the Contractor shall also submit to the Engineer time-scaled resource histograms of the labor crafts and equipment classes to be utilized on the contract.. The Contractor shall provide to the Engineer a 3 1/2" electronic disk of the schedule, together with printed copies of the network diagrams and tabular reports described under "Project Schedule Reports".

In the Special Provisions, Section 10-1.08, "PROGRESS SCHEDULE (CRITICAL PATH)," subsection "Project Schedule Reports," the sixth paragraph is revised as follows:

"Each construction activity shall have a duration of not more than 20 working days, and not less than one working day unless permitted otherwise by the Engineer. All activities in the schedule, with the exception of the first and last activities, shall have a minimum of one predecessor and a minimum of one successor. The interim, baseline and monthly update schedules shall not attribute negative float to any activity. Float shall not be considered as time for the exclusive use of or benefit of either the State or the Contractor but shall be considered as a jointly owned, expiring resource available to the project and shall not be used to the financial detriment of either party. Any accepted schedule, revision or update having an early completion date shall show the time between the early completion date and the current Contract Completion Date as "project float"."

In the Special Provisions, Section 10-1.08, "PROGRESS SCHEDULE (CRITICAL PATH)," subsection "Monthly Update Schedule," the first and second paragraph are revised as follows:

"Monthly Update Schedules - The Contractor shall submit a Monthly Update Schedule to the Engineer in the first week of each month. The proposed update schedule prepared by the Contractor shall include all information available as of the 20th calendar day of the month, or other date as established by the Engineer. A detailed list of all proposed schedule changes such as logic, duration, lead/lag, additions and deletions shall be submitted with the update.

The monthly update schedule submitted to the Engineer shall be accompanied by a Schedule Narrative Report. The Schedule Narrative Report shall describe the physical progress during the report period, plans for continuing the work during the forthcoming report period, actions planned to correct any negative float predictions, and an explanation of potential delays or problems and their estimated impact on performance, milestone completion dates and the overall project completion date. In addition, alternatives for possible schedule recovery to mitigate any potential delay or cost increases shall be included for consideration by the Engineer. The report shall follow the outline set forth below:

Contractor's Schedule Narrative Report Outline:

- 1) Contractor's Transmittal Letter
- 2) Work completed during the period
- 3) Description of the current critical path
- 4) Description of problem areas
- 5) Current and anticipated delays
 - a) Cause of the delay
 - b) Corrective action and schedule adjustments to correct the delay including resource adjustments
 - c) Impact of the delay on other activities, milestones, and completion dates
- 6) Changes in construction sequences
- 7) Pending items and status thereof

- a) Permits
- b) Change Orders
- c) Time Extensions
- d) Non-Compliance Notices
- 8) Contract completion date(s) status
 - a) Ahead of schedule and number of days
 - b) Behind schedule and number of days
- 9) Include updated Network Diagram and Reports"

In the Special Provisions, Section 10-1.08, "PROGRESS SCHEDULE (CRITICAL PATH)," subsection "Monthly Update Schedule," the fifth paragraph is revised as follows:

"The electronic disk file of the submitted schedule and the related reports shall constitute a clear record of progress of the work from award of contract to final completion."

In the Special Provisions, Section 10-1.08, "PROGRESS SCHEDULE (CRITICAL PATH)," subsection "Payment," the first sentence of the third paragraph is revised as follows:

"The Department will retain an amount equal to 25 percent of the estimated value of the work performed during the first estimate period in which the Contractor fails to submit a logical and acceptable interim baseline, baseline, revised or updated CPM schedule conforming to the requirements of this section, as determined by the Engineer."

In the Special Provisions, Section 10-1.14, "MAINTAINING TRAFFIC," the eighth paragraph is deleted.

In the Special Provisions, Section 10-1.22A, "MATERIAL WITH AERIALY DEPOSITED LEAD," the first paragraph is deleted.

In the Special Provisions, Section 10-1.36, "SEISMIC ISOLATION BEARINGS," the eleventh paragraph is revised as follows:

"The proposed seismic isolation bearing shall be selected from the following list:

SEISMIC ISOLATOR BEARING MANUFACTURER NAME ADDRESS AND PHONE NUMBER	
ISOLATOR BEARING CLASSIFICATION	
HIGH DAMPING RUBBER	LEAD CORE / RUBBER
BRIDGESTONE ENGINEERING PRODUCTS COMPANY. 18377 BEACH BLVD, SUITE 216 HUNTINGTON BEACH, CA 92648-1349 Ph: (714) 377- 7346 Fax: (714) 377- 2485 Ph: (619) 513- 6490 Fax: (619) 513- 6495	DYNAMIC ISOLATION SYSTEMS, INC. 3470 MT. DIABLO BLVD, SUITE A200 LAFAYETTE, CA 94549 Ph: (510) 283- 1166 Fax: (510) 283- 4307 SKELLERUP OILES SEISMIC PROTECTION, L.L.C. 13350 GREGG STREET, SUITE 107 POWAY, CA 92064 "

In the Proposal and Contract, "BRIDGE SEISMIC RETROFIT INFORMATION/QUESTIONNAIRE," is added as attached.

In the Proposal and Contract, the Engineer's Estimate Items 31 and 32 are revised as attached.

To Proposal and Contract book holders:

- REPLACE PAGE 4 OF THE ENGINEER'S ESTIMATE IN THE PROPOSAL WITH THE ATTACHED REVISED PAGE 4 OF THE ENGINEER'S ESTIMATE. THE REVISED ENGINEER'S ESTIMATE IS TO BE USED IN THE BID.
- ATTACHED ARE THE DEPARTMENT'S RESPONSES TO THE CONTRACTORS' INQUIRIES. THE RESPONSES TO CONTRACTORS' INQUIRIES, UNLESS INCORPORATED INTO A FORMAL ADDENDA TO THE CONTRACT, ARE NOT A PART OF THE CONTRACT AND ARE PROVIDED FOR THE CONTRACTORS' CONVENIENCE ONLY. IN SOME INSTANCES, THE QUESTION AND ANSWER MAY REPRESENT A SUMMARY OF THE MATTERS DISCUSSED RATHER THAN A WORD-FOR-WORD RECITATION. THE AVAILABILITY OR USE OF INFORMATION PROVIDED IN THE RESPONSES TO CONTRACTORS' INQUIRIES IS NOT TO BE CONSTRUED IN ANY WAY AS A WAIVER OF THE PROVISIONS OF SECTION 2-1.03 OF THE STANDARD SPECIFICATIONS OR ANY OTHER PROVISIONS OF THE CONTRACT, THE PLANS, STANDARD SPECIFICATIONS OR SPECIAL PROVISIONS, NOR TO EXCUSE THE CONTRACTOR FROM FULL COMPLIANCE WITH THOSE CONTRACT REQUIREMENTS. BIDDERS ARE CAUTIONED THAT SUBSEQUENT RESPONSES OR CONTRACT ADDENDA MAY AFFECT OR VARY A RESPONSE PREVIOUSLY GIVEN.
- INDICATE RECEIPT OF THIS ADDENDUM BY FILLING IN THE NUMBER OF THIS ADDENDUM IN THE SPACE PROVIDED ON THE SIGNATURE PAGE OF THE PROPOSAL.
- Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.
- Inform subcontractors and suppliers as necessary.

This office is sending this addendum by UPS overnight mail to all book holders to ensure that each receives it.

If you are not a Proposal and Contract book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY

NICK YAMBAO, Chief
Plans, Specifications &
Estimates Branch
Office of Office Engineer

Attachments

DEPARTMENT OF TRANSPORTATION

NOTICE TO CONTRACTORS

THIS IS AN INFORMAL BIDS CONTRACT

CONTRACT NO. 11-021924

11-SD-75-R20.5/R22.0

Sealed proposals for the work shown on the plans entitled:

**STATE OF CALIFORNIA; DEPARTMENT OF TRANSPORTATION; PROJECT PLANS
FOR CONSTRUCTION ON STATE HIGHWAY IN SAN DIEGO COUNTY IN
SAN DIEGO AND CORONADO FROM THE CORONADO ABUTMENT TO 1.5 MILES
NORTH OF THE CORONADO ABUTMENT**

will be received at the Department of Transportation, 3347 Michelson Drive, Suite 100, Irvine, CA 92612-1692, until 2 o'clock p.m. on July 29, 1999, at which time they will be publicly opened and read in Room C - 1116 at the same address.

Proposal forms for this work are included in a separate book entitled:

**STATE OF CALIFORNIA; DEPARTMENT OF TRANSPORTATION; PROPOSAL AND
CONTRACT FOR CONSTRUCTION ON STATE HIGHWAY IN SAN DIEGO COUNTY IN
SAN DIEGO AND CORONADO FROM THE CORONADO ABUTMENT TO 1.5 MILES
NORTH OF THE CORONADO ABUTMENT**

General work description: SEISMIC RETROFIT - TOLL BRIDGE (TOWERS & FOUNDATIONS)

Prebid Meeting:

A pre-bid meeting is scheduled for 10:00 a.m., June 30, 1999, at 1770 Glorietta Plaza, Coronado, CA 92118, Telephone No. (619) 688-6635. This meeting is intended to allow all bidders to examine the site of work before bidding to promote full knowledge of all facilities and difficulties affecting the work.

A pre-bid meeting also is scheduled for 1:00 p.m. to 4:00 p.m., July 1, 1999, at 2829 Juan Street, San Diego, CA 92110, Telephone (619) 688-6635.

This meeting is to discuss the following issues:

1. Overview of the project.
2. Environmental Concerns:
 - a) Eel grass (Environmental Sensitive Area - (ESA).
 - b) Peregrine Falcon nesting areas on the bridge.
 - c) Water Quality - Prevention of sedimentation as well as pollution.
3. Installation of isolator bearings: The need for the bridge to be raised while in use involves some very specialized technology.
4. CPM schedule.
5. Coordination with Caltrans Maintenance.
6. Working in the on the water:
 - a) Dealing with Coast Guard issues - i.e. Placement of buoys near the main shipping channel.

- b) The large amount of ship and barge activity to deal with during the life of the project (Contractor as well as the sea going public). Including notification to mariners.
- c) Relations with the San Diego Port District (i.e., Contacting the Harbormaster).

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REVISED PER ADDENDUM NO. 1 DATED JUNE 23, 1999

7. Partnering.
8. Electronic Mobile Daily Diary System Data Delivery.
9. Dealing with adjacent private property owners and their business.

This project has a goal of 3 percent disabled veteran business enterprise (DVBE) participation.

This meeting is to inform DVBEs of subcontracting and material supply opportunities. Bidder's attendance at this meeting will be considered in determining the bidder's good faith effort to obtain DVBE participation.

The time limit specified for the completion of the work contemplated herein is considered insufficient to permit completion of the work by the Contractor working a normal number of hours per day or week on a single shift basis. Should the Contractor fail to maintain the progress of the work in accordance with the "Progress Schedule" required in these special provisions, additional shifts will be required to the extent necessary to ensure that the progress conforms to the abovementioned schedule and that the work will be completed within the time limit specified.

Bids are required for the entire work described herein.

At the time this contract is awarded, the Contractor shall possess either a Class A license or a combination of any of the following Class C licenses which constitutes a majority of the work: C-50, C-51.

The Contractor must also be properly licensed at the time the bid is submitted, except that on a joint venture bid a joint venture license may be obtained by a combination of licenses after bid opening but before award in accordance with Business and Professions Code, Section 7029.1.

This contract is subject to state contract nondiscrimination and compliance requirements pursuant to Government Code, Section 12990.

Preference will be granted to bidders properly certified as a "Small Business" as determined by the Department of General Services, Office of Small Business Certification and Resources at the time of bid opening in accordance with the provisions in Section 2-1.04, "Small Business Preference," of the special provisions, and Section 1896 et seq, Title 2, California Code of Regulations. A form for requesting a "Small Business" preference is included with the bid documents. Applications for status as a "Small Business" must be submitted to the Department of General Services, Office of Small Business Certification and Resources, 1531 "I" Street, Second Floor, Sacramento, CA 95814, Telephone No. (916) 322-5060.

A reciprocal preference will be granted to "California company" bidders in accordance with Section 6107 of the Public Contract Code. (See Sections 2 and 3 of the special provisions.) A form for indicating whether bidders are or are not a "California company" is included in the bid documents and is to be filled in and signed by all bidders.

Project plans, special provisions, and proposal forms for bidding this project can only be obtained at the Department of Transportation, Plans and Bid Documents, Room 0200, Transportation Building, 1120 N Street, MS #26, Sacramento, California 95814, FAX No. (916) 654-7028, Telephone No. (916) 654-4490. Use FAX orders to expedite orders for project plans, special provisions and proposal forms. FAX orders must include credit card charge number, card expiration date and authorizing signature. Project plans, special provisions, and proposal forms may be seen at the above Department of Transportation office and at the offices of the District Directors of Transportation at Irvine, Oakland, and the district in which the work is situated. Standard Specifications and Standard Plans are available through the State of California, Department of Transportation, Publications Unit, 1900 Royal Oaks Drive, Sacramento, CA 95815, Telephone No. (916) 445-3520.

Cross sections for this project are not available.

The successful bidder shall furnish a payment bond and a performance bond.

Pursuant to Section 1773 of the Labor Code, the general prevailing wage rates in the county, or counties, in which the work is to be done have been determined by the Director of the California Department of Industrial Relations. These wages are

set forth in the General Prevailing Wage Rates for this project, available at the Labor Compliance Office at the offices of the District Director of Transportation for the district in which the work is situated, and available from the California Department of Industrial Relations' Internet Web Site at: <http://www.dir.ca.gov>. Future effective general prevailing wage rates which have been predetermined and are on file with the Department of Industrial Relations are referenced but not printed in the general prevailing wage rates.

DEPARTMENT OF TRANSPORTATION

Deputy Director Transportation Engineering

Dated May 10, 1999

AFL

CONTRACT NO. 11-021924
REVISED PER ADDENDUM NO. 1 DATED JUNE 23, 1999

SECTION 3. PRE-AWARD MEETING AND AWARD AND EXECUTION OF CONTRACT

3-1.01 GENERAL

3-1.01A PRE-AWARD MEETING.--Bidders are advised that on August 2, 1999 at 10:00 a.m., in the third floor conference room, 1727 - 30th Street, Sacramento, CA 95816, the apparent low bidder shall participate in a pre-award qualifications review meeting conducted by an agent of the Director. Non-attendance to the qualifications review meeting by the apparent low bidder shall be just cause for rejection of the bid and forfeiture of the proposal guaranty. At the qualifications review meeting, the low bidder shall be prepared to discuss and answer questions relative to the responses to the "Bridge Seismic Retrofit Information/Questionnaire" submitted with the bid. The Director's agent will prepare written findings and recommendations to the Engineer regarding award of the contract to the apparent low bidder based on the bridge seismic retrofit information and responses submitted with the bid, and on the information provided at the qualifications review meeting. The Engineer's determination on the bidder's qualifications for performing bridge seismic retrofit work, in a manner that is safe for the workers and the public, will be based on the bidder's experience, qualifications of on-site supervisory personnel, equipment, conceptual approach to the bridge seismic retrofit work and safety history of the bidder and its supervisory personnel. The decision of the Engineer regarding the bidder's qualifications shall be final.

The second and third apparent low bidders shall participate in pre-award qualifications review meetings if requested to do so by the Department. Notification by the Department will be within 7 days after the bid opening, and will be provided at least 12 hours prior to the qualifications review meeting. Non-attendance by the second or third apparent low bidder at any such requested meeting shall be just cause for rejection of bid and forfeiture of the proposal guaranty.

3-1.01B AWARD AND EXECUTION OF CONTRACT.--The award of contract, if it be awarded, will be to the lowest responsible bidder whose proposal complies with all the requirements prescribed and who has met the goal for DVBE participation or has demonstrated, to the satisfaction of the Department, good faith effort to do so and who has established to the satisfaction of the Engineer, the qualifications and ability to complete the seismic retrofit work on this project in a safe and timely manner. Meeting the goal for DVBE participation or demonstrating, to the satisfaction of the Department, good faith efforts to do so and establishing the qualifications and ability to complete the seismic retrofit work are conditions for being eligible for award of contract.

Each of the two bonds required in Section 3-1.02, "Contract Bonds," of the Standard Specifications shall be in a sum equal to 100 percent of the contract price.

It is anticipated that this contract will be awarded within 10 days after the bid opening.

The contract shall be signed by the successful bidder and shall be received with contract bonds by the Department within **4 days**, including Saturdays, Sundays and legal holidays, after the bidder has received notice that the contract has been awarded. Failure to do so shall be just cause for forfeiture of the proposal guaranty. The executed contract documents shall be delivered to the following address: Department of Transportation, P.O. Box 942874, Sacramento, CA 94274-0001, Attn: Office Engineer (MS 43)- Contracts.

Within 2 days, not including Saturdays, Sundays and legal holidays, of return of the executed contract and bonds, the Department will notify the successful bidder of either approval of the contract by the Attorney General or the attorney appointed and authorized to represent the Department of Transportation, or disapproval of the submittal. Should the Department fail to provide notification within said 2 days, the delay will be considered a right of way delay as specified in Section 8-1.09, "Right of Way Delays," of the Standard Specifications.

A "Vendor Data Record" form will be included in the contract documents to be executed by the successful bidder. The purpose of the form is to facilitate the collection of taxpayer identification data. The form shall be completed and returned to the Department by the successful bidder with the executed contract and contract bonds. For the purposes of the form, vendor shall be deemed to mean the successful bidder. The form is not to be completed for subcontractors or suppliers. Failure to complete and return the "Vendor Data Record" form to the Department as provided herein will result in the retention of 20 percent of payments due the contractor and penalties of up to \$20 000. This retention of payments for failure to complete the "Vendor Data Record" form is in addition to any other retention of payments due the Contractor.

Attention is also directed to "Small Business Preference" of these special provisions. Any bidder who is certified as a Small Business by the Department of General Services, Office of Small Business Certification and Resources will be allowed a preference in the award of this contract, if it be awarded, under the following conditions:

- (1) The apparent low bidder is not certified as a Small Business, or has not filled out and signed the Request for Small Business Preference included with the bid documents and attached a copy of their Office of Small Business Certification and Resources (OSBCR) small business certification letter to the form; and

- (2) The bidder filled out and signed the Request for Small Business Preference form included with the bid documents and attached a copy of their Office of Small Business Certification and Resources (OSBCR) small business certification letter to the form.

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The small business preference will be a reduction in the bid submitted by the small business contractor, for bid comparison purposes, by an amount equal to 5 percent of the amount bid by the apparent low bidder, the amount not to exceed \$50 000. If this reduction results in the small business contractor becoming the low bidder, then the contract will be awarded to the small business contractor on the basis of the actual bid of the small business contractor notwithstanding the reduced bid price used for bid comparison purposes.

Attention is also directed to "California Company Preference" of these special provisions.

The amount of the California company reciprocal preference shall be equal to the amount of the preference applied by the state of the nonresident contractor with the lowest responsive bid, except where the "California company" is eligible for a California Small Business Preference, in which case the preference applied shall be the greater of the two, but not both.

If the bidder submitting the lowest responsive bid is not a "California company" and with the benefit of the reciprocal preference, a "California company's" responsive bid is equal to or less than the original lowest responsive bid, the "California company" will be awarded the contract at its submitted bid price except as provided below.

Small business bidders shall have precedence over nonsmall business bidders in that the application of the "California company" preference for which nonsmall business bidders may be eligible shall not result in the denial of the award to a small business bidder.

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BRIDGE SEISMIC RETROFIT INFORMATION/QUESTIONNAIRE

**- DO NOT DETACH -
THIS INFORMATION SHALL BE
INCLUDED WITH YOUR BID PROPOSAL.**

**BIDDERS SHALL SUBMIT INFORMATION WITH THE PROPOSAL REGARDING THE FOLLOWING AS
A CONDITION FOR AWARD OF THE PROJECT.
(SEE SECTION 2-1.08 AND SECTION 3 OF THE SPECIAL PROVISIONS.)**

Note: Whenever the word "bidder" is used, the response shall include all subcontractors, subsidiaries and suppliers of the prime contractor.

Responsibility Hearing Questionnaire

1. Has the bidder or personnel who will be assigned to the project been cited by any governmental entity for any violations on previous projects? If so, describe the citation(s) and its ultimate disposition?
2. What is the background and experience of the bidder's on-site supervisory personnel that will be assigned to this project? Provide names of individuals and a summary of their experience (Project Manager, Superintendents, Scheduler, Engineer, etc.).
3. What is the experience of the engineer or engineering firm that will design the jacking systems and the other temporary work for this project?
4. Describe methods, equipment and monitoring systems to maintain the structural integrity and geometry during bridge removal and replacement of structural steel members, bearings, etc.
5. How and when does the bidder plan to access the work at piers 2 through 23? Discuss bidder's plan for complying with the navigation, mooring and anchoring and ESA area requirements.
6. What is the experience of the bidder and their key personnel in handling and driving large diameter steel piles (54") in a marine environment? Specifically, describe projects in which the bidder has performed this type of work. Provide a list of specific projects and the names and telephone numbers of contacts for the clients for each of the projects listed.
7. Please describe your plan for installing 54" diameter cast-in-steel-shell-concrete piling including, driving equipment to be used, field welding of steel casing and construction of the piles. The discussion of pile placement shall include methods for construction within the specified tolerances, avoiding conflict with existing piles and work around the existing structure.
8. What is the bidder's experience in retrofitting steel bridges, including welding of structural steel? Describe projects in which the bidder has performed this type of work. Include a list of the bidder's certifications in fabricating members. Describe your quality control plan for welding. Provide a list of specific projects and the names and telephone numbers of contacts for the clients for each of the projects listed.

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9. What are the bidder's plans for complying with the environmental restrictions imposed by the various regulatory agencies? What are the bidder's proposed mitigation measures and best management practices for minimizing impacts from pile dewatering, concrete coring and placement and paint removal and application?
10. Is the bidder familiar with the Federal, State and local permits for this job?
11. Is the bidder familiar with concrete placement and transportation on water (using barges)?
12. Describe the bidder's plan for placement of the seismic isolation bearings, including the procedures and equipment for the Raise Bridge and Temporary Support items. Details of the plan are to include methods for raising and supporting the bridge superstructure, displacement monitoring, intended modifications to the structure, removal of the existing bearing system and placement of the new bearing system. Provide a schedule for the Furnish Seismic Isolation Bearing item, including all required working drawing submittals, field measurements, prototype and proof testing, delivery and placement of the Seismic Isolation bearing system.
13. How would the bidder access and do the footing retrofit work, knowing the limitations of the bay? (Depth, shipping, eel grass, etc.)
14. Describe bidder's experience and background with spot blast and paint of structural steel items. Describe how the bidder intends to comply with the Health and Safety, containment and disposal of potentially hazardous and contaminated materials.

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ENGINEER'S ESTIMATE

11-021924

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21 (F)	192003	STRUCTURE EXCAVATION (BRIDGE)	CY	236		
22 (F)	193003	STRUCTURE BACKFILL (BRIDGE)	CY	63		
23 (S)	200001	HIGHWAY PLANTING	LS	LUMP SUM	LUMP SUM	
24 (S)	204099	PLANT ESTABLISHMENT WORK	LS	LUMP SUM	LUMP SUM	
25 (S)	208000	IRRIGATION SYSTEM	LS	LUMP SUM	LUMP SUM	
26	495149	FURNISH 48" CAST-IN-STEEL SHELL CONCRETE PILING	LF	280		
27 (S)	495150	DRIVE 48" CAST-IN-STEEL SHELL CONCRETE PILE	EA	4		
28	047667	FURNISH 54" CAST-IN-STEEL SHELL CONCRETE PILING	LF	776		
29 (S)	047668	DRIVE 54" CAST-IN-STEEL SHELL CONCRETE PILE	EA	12		
30 (S)	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	LUMP SUM	LUMP SUM	
31 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	3,630		
32 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	CY	7,120		
33	511106	DRILL AND BOND DOWEL	LF	131,300		
34	511109	DRILL AND BOND DOWEL (EPOXY CARTRIDGE)	EA	4,900		
35	511123	CONCRETE (RAPID SETTING)	CF	130		
36 (F)	047669	FURNISH PRECAST CONCRETE SKIRT PANEL	CY	140		
37 (S-F)	047670	ERECT PRECAST CONCRETE SKIRT PANEL	CY	140		
38 (F)	047671	FURNISH PRECAST CONCRETE SOFFIT SLAB	CY	29		
39 (S-F)	047672	ERECT PRECAST CONCRETE SOFFIT SLAB	CY	29		
40 (S)	515061	CORE CONCRETE (2")	LF	13,400		

11-029124
CONTRACTOR'S INQUIRY RESPONSE NO. 1
JUNE 17, 1999

The responses to contractors' inquiries, unless incorporated into a formal addenda to the contract, are not a part of the contract and are provided for the contractor's convenience only. In some instances, the question and answer may represent a summary of the matters discussed rather than a word-for-word recitation. The responses may be considered along with all other information furnished to prospective bidders for the purpose of bidding on the project. The availability or use of information provided in the responses to contractors' inquiries is not to be construed in any way as a waiver of the provisions of section 2-1.03 of the Standard Specifications or any other provision of the contract, the plans, Standard Specifications or Special Provisions, nor to excuse the contractor from full compliance with those contract requirements. Bidders are cautioned that subsequent responses or contract addenda may affect or vary a response previously given, and any such subsequent response or addenda should be taken into consideration when submitting a bid for the project.

CALTRANS TOLL BRIDGE - DISTRICT 11 ADDRESS

The Caltrans District 11 Office is located at 2829 Juan Street, San Diego, CA 92110. The mailing address is P.O. Box 85406, San Diego, CA 92186-5400. The District 11 Duty Senior telephone number is (619) 688-6635. Please submit all inquiries by fax to (619) 688-6988 or by email to Duty_Senior_Const_District11@dot.ca.gov

Inquiries and Responses

1) Per Section 10-1.38 VISCOUS DAMPING DEVICES of the Special Provisions, please provide the list of pre-qualified suppliers as determined by the State of California.

Per requirement 1., there are two pre-qualified suppliers.

TAYLOR DEVICES, INC.
90 Taylor Drive
North Tonawanda, NY 14120
(716) 694-0800

ENIDINE, INC./ ENIDINE WEST
212 Technology Drive, Suite M
Irvine, CA 92718
(949) 727-9112

2) Page 2 of the IMPORTANT SPECIAL NOTICES states that the contract work day count will start on the first working day after contract approval. Section 4 states that it will start on the 15th calendar day after approval of the contract. Please resolve.

An addendum will be issued to revise Section 4, "BEGINNING OF WORK, TIME OF COMPLETION AND LIQUIDATED DAMAGES."

3) Section 10-1.07 TRANSPORTATION FOR THE ENGINEER, will one boat operator/crew be required for the project or one for each boat for a total of two?

An addendum will be issued to revise Section 10-1.07.

4) Should Item 31 and 32 be final pay quantities?

An addendum will be issued.

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5) In regards to the "Materials Information Handout" specifically the DEPARTMENT OF FISH AND GAME, Notification # 5-011-98. Condition #4 states that not more than one acre of the eel grass will be impacted. What portion of this will be available to the Contractor for temporary access needs?

The referenced agreement between the Department of Fish and Game and the Department of Transportation authorizes not more than one acre of eel grass habitat shall be impacted within the 'WORK ACCESS BOUNDARIES.'

6) In regards to the "Materials Information Handout," specifically the DEPARTMENT OF FISH AND GAME, Notification # 5-011-98, Condition #4 refers to a document pertaining to eel grass restoration. Please make this document available to the Contractor.

The referenced document will not be available to the Contractor. Any impact to the eel grass habitat within the 'WORK ACCESS BOUNDARIES' shall be the responsibility of the State of California Department of Transportation to restore and monitor per the requirements of the agreement.

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